

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 4**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	Wendell Watkins
Art Unit	
Examiner Name	
Attorney Docket Number	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 2,001,024	03/10/34	Stereoscopic Pictures	
		US- 4,405,920	09/20/83	Enhancing The Perceptibility of Barely Perceptible Images	
		US-			
		US- 5,088,810	02/18/92	Vision Training Method and	
		US-		Apparatus	
		US- 5,555,324	09/10/96	Method & Apparatus for	
		US-		Generating a Synthetic Image	
		US-		by the Fusion of Signals	
		US-		Representative of Different	
		US-		Views of the Same Scene	
		US- H11599	10/01/96	Synthetic-Color Night Vision	
		US- 5,870,493	02/09/99	Top Down Preprocessor for a	
		US-		Machine Vision System	
		US- 6,081,753	06/27/00	Method of Determining	
		US-		Probability of Target Detection	
		US-		In a Visually Cluttered Scene	
		US- 6,121,969	09/19/00	Visual Navigation in Perceptual	
		US-		Databases	
		US- 6,213,956	04/10/01	Methods and Apparatus for	
		US-		Diagnosing and Remediating	
				Reading Disorders	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
		G09B 17/00	09/21/00	Method and Apparatus for	
				Treating Dyslexia	

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Considered

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U. S. PATENT DOCUMENTS					
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		US- 6,333,757	12/25/01	Method and Apparatus For Producing and Displaying Spectrally-Multiplexed Images of Three-Dimensional Imagery For Use In Stereoscopic Viewing Thereof	
		US-			
		US-			
		US-			
		US-			
		US- 6,364,486 B1	04/02/02	Method and Apparatus for Training Visual Attention Capabilities of a Subject	
		US-			
		US-			
		US- 6,443,572 B1	09/03/02	Method and Apparatus for Treating Dyslexia	
		US-			
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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			Art Unit	
Examiner Name				
Attorney Docket Number				
Sheet	3	of	4	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		SHAYWITZ, SALLY; "Overcoming Dyslexia," Random House, Inc., (Knopf), 2003.	
		WATKINS, WENDELL R.; "Biomimicking Applications of the Search and Target Acquisition, Recognition, and Identification Methods Used In Animal Binaural Vision;" U.S. Patent and TradeMark Office, Disclosure Document No. 518460; September 19, 2002, Washington, D.C.	
		LAWSON, ALISON MARIE; "Method and Apparatus For Treating Dyslexia," U.S. Patent No. 6,443,572, Issued September 3, 2003.	
		HOFER, HEIDI and WILLIAMS, DAVID R.; "The Eye's Mechanisms For Autocalibration," Optics And Photonics News, (pp. 34-39), January, 2002.	
		WATKINS, W.R.; "Multispectral Image Processing: The Nature Factor," Series In Machine Perception and Artificial Intelligence; (Vol. 44); J. Shen, P.S.P. Wang, T. Zhang (Eds.) Multispectral Image Processing And Pattern Recognition, World Scientific, New Jersey, (pp. 37-48), 2001.	
		WATKINS, W.R., HEATH, G.D., PHILLIPS, M.D., VALETON, M. and TOET, A., "Search and Target Acquisition: Single Line Of Sight Versus Wide Baseline Stereo," Opt. Eng. 40(9) (pp. 1914-1927) 2001.	
		ROHDE, B.L. and WATKINS, W., "Effect of Color Frequency Combinations and Noise on Depth Perception Using RGB Stereo Sensor Fusion," Proc. 9 <sup>th</sup> Annual USARL/USMA Technical Symposium, <a href="http://www.dean.usma.edu/math/research/mscc/9th_AUTS/default.htm">http://www.dean.usma.edu/math/research/mscc/9th_AUTS/default.htm</a> , at APG Session 2000	
		WATTS, ROBERT G. and BAHILL, A. TERRY, "Keep Your Eyes On The Ball," W.H. Freeman and Co., New York, (pp. 171-209) 2000	
		WATKINS, W.R., CUGLOCK-KNOPF, V.G., JORDAN, J.B., MARINOS, A.J., PHILLIPS, M.D., and MERRITT, J.O., "Sensor Fusion: A Preattentive Vision Approach," Proc. SPIE 4029 (pp. 59-67) 2000.	
		ROSS, T.H., WATKINS, W.R., KOBYSLSKI, G., and HEATH, G., "Effect of Noise and Background on Depth Perception Using RGB Stereo Sensor Fusion," Proc. 8 <sup>th</sup> Annual USARL/USMA Technical Symposium (pp. 97-103) 2000.	

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**NON PATENT LITERATURE DOCUMENTS**

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		ROSS, T.H., WATKINS, ROBTLESKI, G., and HEATH, G., "Effect of Noise and Background on Depth Perception Using RGB Stereo Sensor Fusion," Proc 8 <sup>th</sup> Annual USARL/USMA Technical Symposium (pp. 97-103) 2000.	
		HEATH, G., WATKINS, W.R., PHILLIPS, M.D., "A Comparison Of Absver Task Performance: Three Dimensional vs. Two Dimensional Displays," Proc. 8 <sup>th</sup> Annual USARL/USMA Technical Symposium (pp. 199-214) 2000.	
		MARINOS, A.J., WATKINS, W.R., and PHILLIPS, M.D., "Effect of RGB Stereo Sensor Fusion On Target And Range Identification," Proc. 7 <sup>th</sup> Annual USARL/USMA Technical Symposium, (pp. 68-68), 1999.	
		JAIN, ANIL K.; "Fundamentals Of Image Processing," Englewood Cliffs, NJ, Prentice Hall, 1989.	
		WATKINS, W.R., JORDAN, J.B., AND TRIVEDI, M.M.; "Novel Applications Of Hyperstereo Vision," Proc. SPIE 3110, (pp. 72-88); 1997.	
		ROSANES-BERET, M.B., "Do You Really Need Eyeglasses," New Hork, I.I., Inc. 1985	
		BEREFORD, S.M., MURIS, D.W., M.J.A..EN, AND young, f.a., "Improve Your vision Without Glasses Or Contact Lenses, Simon & Schuster (Fireside) New York, 1996	
		PETTIGREW, JOHN D.; "The Neurophysiology Of Binocular Vision," Scientific American, (pp. 84-85), August, 1972.	
		WATTS, ROBERT G., BAHILL, TERRY, W.H. FREEMAN and COMPANY; Keep Your Eye On The Ball, 2000	

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